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(a) at least one neutral, positive, or negative increased binding energy hydrogen species having a binding energy

(i) greater than the binding energy of the corresponding ordinary hydrogen species, or

(ii) greater than the binding energy of any hydrogen species for which the corresponding ordinary hydrogen species is unstable or is not observed because the ordinary hydrogen species' binding energy is less than thermal energies at ambient conditions, or is negative; and

(b) at least one other element.

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50. (Amended) A compound of claim 1 having a formula $M(H_x)_n$ wherein n is an integer, x is an integer from 68 to 72, M is other element such as any atom, molecule, or compound, and the hydrogen content $(H_x)_n$ of the compound comprises at least one increased binding energy hydrogen species.

76. (Amended) A compound of claim 20 wherein said doubly negative charged anion is selected from the group consisting of carbonate ion, oxides, phosphates, hydrogen phosphates, and sulfate ion.

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77. (Amended) A compound of claim 22 wherein said doubly negative charged anion is selected from the group consisting of carbonate ion, oxides, phosphates, hydrogen phosphates, and sulfate ion.

78. (Amended) A compound of claim 55 wherein said doubly negative charged anion is selected from the group consisting of carbonate ion, oxides, phosphates, hydrogen phosphates, and sulfate ion.

79. (Amended) A compound of claim 56 wherein said doubly negative charged anion is selected from the group consisting of carbonate ion, oxides, phosphates, hydrogen phosphates, and sulfate ion.

80. (Amended) A compound of claim 57 wherein said doubly negative charged anion is selected from the group consisting of carbonate ion, oxides, phosphates, hydrogen phosphates, and sulfate ion.

81. (Amended) A compound of claim 58 wherein said doubly negative charged anion is selected from the group consisting of carbonate ion, oxides, phosphates, hydrogen phosphates, and sulfate ion.

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82. (Amended) A compound of claim 59 wherein said doubly negative charged anion is selected from the group consisting of carbonate ion, oxides, phosphates, hydrogen phosphates, and sulfate ion.

83. (Amended) A compound of claim 60 wherein said doubly negative charged anion is selected from the group consisting of carbonate ion, oxides, phosphates, hydrogen phosphates, and sulfate ion.

84. (Amended) A compound of claim 61 wherein said doubly negative charged anion is selected from the group consisting of carbonate ion, oxides, phosphates, hydrogen phosphates, and sulfate ion.

99. (Amended) The compound of claim 1, wherein the compound is formulated to be statically chargeable.

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100. (Amended) The compound of claim 1, wherein the compound is formulated to provide magnetic properties.

101. The compound of claim 1, wherein the compound is formulate to provide properties suitable for use as an etching agent.

Please add new claims 102 –103 as follows:

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- 102. The compound of claim 99, wherein said compound is formulated to be statically chargeable and suitable for use as a component of a xerographic toner.